

Amendments to the Specification

Please amend the paragraph inserted on page 9 after the paragraph ending at page 9, line 11 and before the paragraph beginning at page 9, line 13 (this paragraph was added in the previous response).

Fig. 1 thereby illustrates a first combining unit 12 for combining the signals emanated by the data transmitter 4 with the pseudo random values or the random values from generator 6. The second unit 2 includes receiver 5 for receiving the digital signals output from combining unit 12 and, more specifically, from a second combining unit 18 within the second unit. Control unit 14 is coupled to and controls first combining unit 12 in such a manner that pseudo random bit values or random values are transmitted at times other than the first time intervals at which the first digital signals are transmitted. The second unit 2 includes a signaling unit 16 for requesting first digital signals from the data transmitter, and the data transmitter is adapted to send first digital signals, pseudo random values, and/or random values across signaling line 3 in response to output from the signaling unit 16. Signaling unit 16 can request the first digital signals from the data transmitter via a request from signaling unit 16 over line 7. A second combining unit 18 is provided in the second unit 2 for combining received signals with pseudo random values from second generator 22. A control unit 19 associated with data receiver 5 is adapted to perform at various times a synchronization of the pseudo random generator or random generator of second unit 2 with the received digital data from the first unit until a known transmission pattern occurs as a result of the combination. An additional transmission path 26 is provided for synchronizing the pseudo random generator or random generator 16 of the first unit 1 and the pseudo random generator or random generator 22 of the second unit 2.